

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

April 17, 1963



The April meeting of the Board of Trustees of the University of Illinois was held in the Illini Union, Urbana, Illinois, on Wednesday, April 17, 1963, beginning at 10:30 a.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Ray Page, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson. Governor Otto Kerner was absent.

Also present were President David D. Henry, Executive Vice-President and Provost Lyle H. Lanier, Professor Norman A. Parker, Vice-President, Chicago Undergraduate Division, Dr. Joseph S. Be-gando, Vice-President, University of Illinois at the Medical Center, Chicago, Director C. S. Havens of the Physical Plant, Mr. C. E. Flynn, Assistant to the President and Director of Public Information, Mr. James J. Costello, Legal Counsel, Mr. Earl W. Porter, Assistant to the President, Mr. George H. Bargh, Administrative Assistant, President's Office, Mr. Fred H. Turner, Dean of Students, Associate Provost Paul R. Shaffer, Mr. V. L. Kretschmer, Director of Auxiliary Services; and the officers of the Board, Mr. R. R. Manchester, Treasurer, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board took up consideration of the following reports and recommendations from the President of the University.

PRESIDENT'S REPORT

President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting, and a copy was filed with the Secretary of the Board.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, as amended, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

| <i>Name</i> | <i>Address</i> | <i>State from Which They Obtained Certificates</i> |
|--------------------------|---------------------|--|
| JAMES WILLIAM FRANCISSEN | Chicago, Illinois | District of Columbia |
| FRANK LEONARD SCHOPPET | Bethalto, Illinois | Missouri |
| ALFRED A. WEBER | St. Louis, Missouri | Missouri |

I concur.

On motion of Mrs. Watkins, these certificates were awarded.

CHAIRMANSHIP OF THE DEPARTMENT OF ECONOMICS

(2) At the end of the current academic year, 1962-63, Professor J. F. Bell of the Department of Economics will have completed his third two-year term as Chairman of the Department. He has asked to be relieved of further service in this administrative assignment so that he can devote full time to teaching and research. He will be on sabbatical leave of absence during the second semester of 1963-64.

With the concurrence of the Executive Committee of the Department of Economics, the Dean of the College of Commerce and Business Administration recommends the appointment of Professor John F. Due as Chairman of the Department for two years beginning September 1, 1963. The salary of this position will be determined when the budget for 1963-64 is submitted to the Board for approval.

The Dean of the Graduate College and the Executive Vice-President and Provost also concur.

I recommend approval.

On motion of Mr. Johnston, this appointment was approved.

ASSOCIATE DEAN OF THE GRADUATE COLLEGE

(3) The Dean of the Graduate College recommends the appointment of Dr. Marvin Frankel, Research Professor in the Bureau of Economic and Business Research, as Associate Dean of the Graduate College on one-half time beginning September 1, 1963. He will continue as Research Professor on one-half time. The total salary of this dual position will be \$17,000 on a twelve-month service basis.

The appointment of Dr. Frankel is to replace Dr. Ivan D. Steiner, Professor of Psychology, who has been serving as Associate Dean since September 1, 1961, and who has asked to be relieved of this administrative assignment so that he may devote full time to teaching and research.

The appointment of Dr. Frankel as Associate Dean is concurred in by all recommending officers involved—the Head of the Department of Economics, the Director of the Bureau of Economic and Business Research, the Dean of the College of Commerce and Business Administration, and the Executive Vice-President and Provost.

I recommend approval.

On motion of Mr. Swain, this appointment was approved.

**DIRECTOR OF DIVISION OF EDUCATION,
CHICAGO UNDERGRADUATE DIVISION**

(4) The Vice-President for the Chicago Undergraduate Division recommends the appointment of Dr. Victor E. Ricks, presently Professor of Education in Social Sciences at the Chicago Undergraduate Division, as Professor of Education on indefinite tenure and Director of the Division of Education, beginning May 1, 1963, and continuing until September 1, 1965, at an annual salary of \$14,500 on a twelve-month service basis.

This appointment will establish the new Division of Education, within the new organizational framework of the University of Illinois at Congress Circle as previously authorized by the Board of Trustees (January 18 and February 15, 1961). The recommendation is submitted after consultation with the Academic Advisory Council at the Chicago Undergraduate Division and the Dean of the College of Education at Urbana, and is concurred in by the Dean of the Graduate College and the Executive Vice-President and Provost.

I recommend approval.

On motion of Mr. Johnston, this appointment was approved.

**ACTING DEAN OF COLLEGE OF ENGINEERING,
CHICAGO UNDERGRADUATE DIVISION**

(5) The Vice-President for the Chicago Undergraduate Division recommends the appointment of Rupert M. Price, Assistant Dean of Engineering and Associate Professor of Physics at the Chicago Undergraduate Division, as Associate Professor of Physics on indefinite tenure and Acting Dean of the College of Engineering, beginning May 1, 1963, on an annual appointment and twelve-month service basis, and at an annual salary rate of \$16,200.

This recommendation is endorsed by a search committee appointed to nominate a Dean for Engineering, and by the Academic Advisory Council at the Chicago Undergraduate Division. It is concurred in by the Dean of the Graduate College and the Executive Vice-President and Provost.

I recommend approval.

On motion of Mr. Swain, this appointment was approved.

**DIRECTOR OF DIVISION OF PHYSICAL EDUCATION AND DIRECTOR
OF ATHLETICS, CHICAGO UNDERGRADUATE DIVISION**

(6) The Vice-President for the Chicago Undergraduate Division recommends the appointment of Sheldon L. Fordham, presently Assistant Dean of Physical Education and Associate Professor of Physical Education for Men at the Chicago Undergraduate Division, as Associate Professor of Physical Education for Men on indefinite tenure and Director of the Division of Physical Education and Director of Athletics for two years, beginning September 1, 1963, at an annual salary of \$13,500 on a twelve-month service basis.

This appointment will also implement the Division of Physical Education within the new organizational framework of the University of Illinois at Congress Circle, Chicago, as previously authorized by the Board of Trustees (January 18 and February 15, 1961), and will fill the vacancy created by the retirement at the end of the current academic year of John O. Jones, Associate Dean of Physical Education for Men and Director of Athletics. The recommendation is submitted with the support of a Consultative Committee appointed to nominate a Director, and after consultation with the faculty of Physical Education. It is concurred in by the Dean of the Graduate College and the Executive Vice-President and Provost.

I recommend approval.

On motion of Mr. Hughes, this appointment was approved.

APPOINTMENTS TO THE FACULTY

(7) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. PETER J. COURI, Clinical Assistant Professor of Obstetrics and Gynecology, beginning March 1, 1963, without salary (DY).

2. ARTHUR J. DERBYSHIRE, Associate Professor of Otolaryngology, beginning March 1, 1963, at an annual salary of \$15,000 (DY).
3. GUIDO FRIZZI, Visiting Professor of Zoology, for six and one-half months from May 16, 1963, at a salary of \$10,108 (G).
4. MAX M. FROCHT, Visiting Professor of Theoretical and Applied Mechanics, for the academic year 1963-64, at an annual salary of \$15,000 (D).
5. R. JERALD HAMILTON, Associate Professor of Music, beginning September 1, 1963, at an annual salary of \$10,700 (D).
6. CHARLES E. HAMM, Professor of Music, beginning September 1, 1963, at an annual salary of \$11,000 (A).
7. ELIO MAGGIO, Assistant Professor of Otolaryngology, College of Medicine, from March 25 to August 31, 1963, at a salary of \$1,000 per month.
8. WILLARD A. MAINORD, Visiting Assistant Professor of Psychology, for four and one-half months from February 1, 1963, on one-fourth time, at a salary of \$1,000 (E25).
9. WILLIAM L. MCDANIEL, Assistant Professor of Applied Materia Medica and Therapeutics, College of Dentistry, on four-tenths time, beginning March 25, 1963, at an annual salary of \$4,000 (DY40).
10. WILLIAM S. MILLER, Clinical Assistant Professor of Obstetrics and Gynecology, beginning March 1, 1963, without salary (DY).

On motion of Mr. Dilliard, these appointments were confirmed.

APPOINTMENTS TO CENTER FOR ADVANCED STUDY

(8) Upon recommendation of the Executive Committee of the Center for Advanced Study, and with the concurrence of the Dean of the Graduate College and the Executive Vice-President and Provost, I submit the following nominations for appointments to the Center for Advanced Study for the period and for the program of research or study as indicated in each case.

Member (for a five-year period from September 1, 1963)

- H. G. DRICKAMER, Professor of Chemical Engineering and of Physical Chemistry. Professor Drickamer's research contributions represent a high degree of technical skill and inventiveness combined with the ability, originality, and theoretical insight to obtain results of fundamental and general significance. His work has ranged widely, from physical chemical studies of engineering processes and of molecular interactions in condensed phases to the development of high-pressure techniques and their application to a number of basic problems in solid state physics and geology.

His most recent and probably most important accomplishments are concerned with the effects of very high pressure on solid state and molecular electronic structure. In particular he has developed a unique optical apparatus which permits spectroscopic measurements in the ultraviolet, visible, and infrared regions of the spectrum to pressures of 200,000 atmospheres and at temperatures of over 400° C. He has developed a device for measuring electrical resistance in substances subject to pressures in excess of 500,000 atmospheres.

Associate Members

- SAMUEL ADLER, Visiting Professor of Art, for the second semester. As artist-in-residence, to paint and to advise graduate students in painting.
- BEI-TSE CHAO, Professor of Mechanical Engineering and of Nuclear Engineering, for one year from September 1, 1963. To conduct investigations in the field of two-phase fluid flow and heat transfer.
- D. J. GEANAKOPOLOS, Professor of History, for the second semester. To do research in libraries and archives of America and Europe on the relations of the Byzantine Orthodox Church with Roman Catholicism and the Russian Church, and also on the influence of Byzantine and Venetian-dominated Crete in the Renaissance of Western Europe.
- W. J. HALL, Professor of Civil Engineering, for one year from September 1, 1963. To complete a monograph on the brittle fracture of fabricated steel structures, and to conduct further studies in the areas of fracture mechanics and structural analysis.
- D. R. HODGMAN, Professor of Economics, for two years from September 1, 1963. To conduct quantitative studies of commercial bank behavior, with emphasis on micro-analytic computer simulation of the commercial banking system.

J. R. KELLY, Professor of Music, for one year from September 1, 1963. To compose an opera based on the conquest of Aztec Mexico by Cortez and provisionally entitled *Conquistadore*.

SHERMAN PAUL, Professor of English, for one year from September 1, 1963. To complete his final volume of studies of the tradition of the "American Scholar."

C. P. SLICHTER, Professor of Physics, for one year from September 1, 1963. To conduct investigations of electron and nuclear magnetic resonance.

P. A. WADSWORTH, Professor of French, for one year from September 1, 1963. To complete work on his study of the writings of La Fontaine.

J. H. WALTER, Associate Professor of Mathematics, for one year from September 1, 1963. To continue his research into the theory of finite groups.

F. L. WILL, Professor and Chairman of the Department of Philosophy, for the second semester. To complete his book on the Problem of Induction.

Provisions for the salaries of these staff members during the period of their membership in the Center will be included in the budget of the Graduate College and the Center.

On motion of Mr. Hughes, these appointments were approved.

SABBATICAL LEAVES OF ABSENCE, 1963-64

(9) I recommend that the following members of the staff be given sabbatical leaves of absence during the academic year 1963-64 in accordance with the provisions of the University of Illinois Statutes and on the terms and for the periods indicated. This recommendation is supplementary to the applications recommended to the Board of Trustees on March 20, 1963. (It was reported at that time that a number of applications for sabbatical leaves during 1963-64 were still under administrative consideration and that additional recommendations would be submitted at a subsequent meeting.)

College of Commerce and Business Administration

WILLIAM EDGAR THOMAS, Professor of Accountancy, second semester, full pay.

College of Education

CECIL H. PATTERSON, Professor of Education, second semester, full pay.

College of Fine and Applied Arts

KENNETH M. LANSING, Associate Professor of Art Education, second semester, full pay.

Graduate School of Library Science

DONALD E. STROUT, Professor of Library Science, first semester, full pay.

Chicago Undergraduate Division

NICHOLAS C. SCHOLOMITI, Assistant Professor of Mathematics, second semester, full pay.

On motion of Mr. Johnston, these leaves were granted as recommended.

HONORARY DEGREES

(10) The University Senate at the Medical Center has recommended that the honorary degree of Doctor of Science be conferred upon:

DETLEV W. BRONK, former President of Johns Hopkins University and now President of the Rockefeller Institute. Dr. Bronk will give the Commencement address for graduates of the colleges at the Medical Center on June 7, 1963.

The Urbana-Champaign Senate has recommended honorary degrees be conferred upon the following at the Commencement exercises at Urbana-Champaign on June 15, 1963:

HENRY TOWNLEY HEALD, Doctor of Laws (LL.D.). Former Chancellor of New York University, now President and a Trustee of the Ford Foundation. Dr. Heald will give the Commencement address at Urbana-Champaign on June 15.

GEORGE WELLS BEADLE, Doctor of Science (D.Sc.). Chancellor of the University of Chicago.

CARL SHIPP MARVEL, Doctor of Science (D.Sc.). Research Professor of Organic Chemistry, *Emeritus*, University of Illinois.

CLARENCE SAMUEL ROSS, Doctor of Science (D.Sc.). Principal Geologist, United States Geological Survey.

I concur in the recommendations of the Senates.

On motion of Mr. Swain, these degrees were authorized.

INVITATION TO VISIT BRITISH UNIVERSITIES

(11) I request the Board of Trustees to authorize my acceptance of an invitation to attend meetings of the Association of Universities of the British Commonwealth at the University of London, a conference of Vice-Chancellors of British universities and Presidents of American universities at St. Andrews University, and to visit British universities following these programs. The official visitation would be during the period from July 10 until August 1, exclusive of travel time.

The invitation has been presented through the Association of American Universities. The Presidents of twelve member institutions of that Association will constitute the delegation.

The members of the delegation will have unusual opportunity to receive and discuss authoritative reports on higher education in many countries and to bring back to their own institutions comparative information and insights from the experience.

The travel expense will be underwritten by the Association and the mission will involve no expense to the University of Illinois.

On motion of Mrs. Watkins, authority was given as requested.

AMENDMENT OF POLICY FOR INVESTMENT OF FUNDS AND INVESTMENT PROCEDURES

(12) On recommendation of the Finance Committee, the Board of Trustees on June 20, 1962, adopted a policy for investment of funds and investment procedures, including a resolution authorizing the Treasurer of the Board of Trustees to exercise certain functions. In view of the change in the Treasurership, it is necessary to amend the resolution and it is therefore requested that the following resolution be adopted to replace the resolution which appears on page 1519 of the minutes of the Board of Trustees meeting of June 20, 1962.

Resolution

Resolved, that the Treasurer of the Board of Trustees of the University of Illinois, a public corporation, is authorized in his discretion to sell, assign, or transfer to any assignee or transferee for or on behalf of this corporation and in its name any and all shares of capital stock or any voting trust certificates representing the right to receive shares of stock or any registered bonds or other securities of any other corporation owned by this corporation and for the purpose of effecting any such sale or transfer, R. R. Manchester, the Treasurer of this corporation, be and he hereby is authorized to execute in the name of this corporation and on its behalf all assignments which may be necessary and that A. J. Janata, Secretary of this corporation, be and he hereby is authorized to attest to the authority of R. R. Manchester, Treasurer, to execute the aforesaid documents.

The Treasurer will exercise the authority granted by such resolution only after being notified by the Comptroller of the approval of the Finance Committee for the sale as provided in the established procedure. The Secretary of the Board will attest to the validity of the resolution and to the authority of the Treasurer to sign the documents.

On motion of Mr. Williamson, this amendment was adopted.

POLICY AND PROCEDURE CONCERNING COPYRIGHTS AND RECORDINGS

(13) *The General Rules Concerning University Organization and Procedure* include regulations governing patents on inventions (Sections 17 and 18, pages 59-60) and copyrights on printed material (Section 19, page 60). In both cases it is made clear that when such inventions or writings have been produced with the

use of University facilities, resources, or financial support, these productions belong to the University. In the case of patents, detailed administrative procedures and guide lines are outlined for the determination of the University's rights and for deciding what share, if any, of the net income realized from patents should go to the inventor. No such administrative procedures or guide lines are specified in the case of copyrights, although Section 10 (on the University Press, page 49) does refer to contracts with authors concerning royalties and other conditions related to the publication and copyrighting of manuscripts.

No reference is made in *The General Rules Concerning University Organization and Procedure* concerning recordings of lectures and other content on such media as film and magnetic tape; yet the rapid increase in the use of these media—especially in the form of videotaped recording of instruction for presentation by television—has raised serious questions concerning University, departmental, and faculty rights relative to the production, ownership, and use of such material. Typically, an instructor develops a set of videotaped lectures for his own course, as part of his regular departmental duties and usually with a substantial reduction in teaching load. Since he is paid to do the work, and since University facilities are used, the University's right to ownership of the recordings could hardly be questioned.

After a lengthy study, the University Committee on Instructional Television has recommended policies and general procedures for the resolution of questions and issues which may arise in determination of the equitable interests involved. The Committee's proposals have been reviewed and approved in principle by the Academic Advisory Council. In the light of these studies, the Executive Vice-President and Provost recommends the following revisions in Section 19 of *The General Rules Concerning University Organization and Procedure* (the new material below is in italics).

COPYRIGHTS AND RECORDINGS

Sec. 19. (a) The right to copyright a work or to assign this right to a publisher normally belongs to the author of the work. However, when the author is specifically commissioned by the University or one of its departments to prepare a manuscript or report, the manuscript and all rights to it shall belong to the University.

(b) Research and service pamphlets and bulletins may or may not be copyrighted, at the discretion of the department issuing the work.

(c) Books published by the University Press are copyrighted as provided in Section 10.

(d) *All rights in recordings of lectures, of demonstrations, and of other content—such as films and videotapes—that have been produced with the use of University facilities, resources, or financial support shall belong to the University.*

(e) *If the University uses or markets copyrighted or recorded material produced by a staff member under the conditions outlined in the second sentence of (a) and (d), and if such disposition is made on a basis that yields a net income to the University, a proportion of the net income may be assigned to the author(s) or developer(s) of the material.*

(f) *A University Committee on Copyrights and Recordings, appointed by the President, will review the circumstances involved in each case that might arise under the principle stated in (e), and make recommendation concerning it to the President and Board of Trustees. It is expected that the Committee will be guided in its recommendations by standards analogous to those stated in Section 18 (c) (page 60) concerning patents.*

I concur.

On motion of Mr. Swain, these revisions were approved.

CLINICAL TRAINING FOR LICENSED PRACTICAL NURSE PROGRAM

(14) The Chicago Public Schools have been providing a training program for "Licensed Practical Nurse" since 1948. Students in this program receive clinical training in a number of hospitals in Chicago. The Chicago Board of Education has requested the University to provide the clinical setting for ward experience in obstetrics and pediatrics in the Research and Educational Hospitals for a limited number of these practical nurse students.

Over 95 per cent of the licensed practical nurses now employed in the Research and Educational Hospitals are graduates of this program and they always have been found to be competent and well selected. Therefore, the Hospitals staff has had considerable experience with the program and considers it well organized and executed.

It is proposed that the clinical training program be started May 1, and will continue for the next three years.

The Medical Director of the Research and Educational Hospitals, the Director of Nursing in the Hospitals, and the Vice-President for the Medical Center have requested authority to negotiate an agreement with the Chicago Board of Education covering this training program. Formal action by the Board of Trustees is not necessary as the proposal can be approved administratively but because it is a new area of public service, it seemed appropriate to bring the matter to the Board for its information and for the record.

On motion of Mrs. Watkins, this program was approved.

MIDWEST ELECTRONICS RESEARCH CENTER

(15) The College of Engineering has proposed establishment of a Midwest Electronics Research Center within the College of Engineering and the Engineering Experiment Station to provide for close association between University research programs and industrial research and development laboratories and to promote programs which will stimulate productive University-industrial relationships. In general, the Center's purpose would be to assist midwest electronics firms in the task of handling the greater amount of sophisticated research required for military and space programs and for new areas of civilian technology and product development.

The initial activities of the Center will include a program for "Industrial Research Visitors" as well as seminars and short courses in electronics and related topics of solid state physics. The Center will also serve in the establishment of cooperative research contracts sponsored by industry, the dissemination of information and interpretative publications, and the coordination of activities leading to the organizing of company-sponsored research laboratories.

Submitted herewith is a statement giving further details of the proposal, a copy of which is being filed with the Secretary of the Board for record.

Approval of this program and authorization to negotiate and execute the necessary contractual agreements with industries which may be interested and selected for participation is requested.

I concur, subject to further action by the Board of Higher Education.

On motion of Mr. Johnston, this program was approved, in principle, and authority was given as recommended to negotiate and enter into contracts, and additional authorization was given to modify the plan before it is set up in final form to take into account such changes as may be indicated after further internal administrative consideration and consultation with the officers of the colleges and departments concerned; provided that any substantive changes shall be reported to the Board for confirmation; and provided further that final approval shall be subject to approval of the program by the Board of Higher Education. This action was taken without dissent.

PRODUCTION ENGINEERING EDUCATIONAL AND RESEARCH CENTER

(16) The College of Engineering and the Engineering Experiment Station submit a proposal for a new Production Engineering Educational and Research Center to be established within their administrative organization. The main objective of this Center will be to conduct a broad interdisciplinary program of technical assistance to industry. The rapid expansion of knowledge concerning new materials and the technology for their fabrication have created complex problems for industry, and particularly for small industries which do not have the technical and research personnel to cope with them. The Center would assist these industries to upgrade their technical competence through organized programs for the

dissemination of knowledge concerning materials fabrication, machine structures, machine controls, automated manufacturing, and the economic-sociological aspects of industrial organization.

Representatives of the Department of Mechanical and Industrial Engineering have been conferring with representatives of the Colleges of Commerce and Business Administration, Liberal Arts and Sciences (social science departments), and other engineering departments on methods of attacking problems dealing with the social as well as technical and financial aspects of modern industry. The Center would provide educational programs and "problem clinics" for groups outside the University, graduate educational programs within the University, and would conduct research. With the exception of regular graduate studies, each area of specialized education and research would be fully supported by interested companies or other agencies through contracts or grants.

Submitted herewith is a statement giving further details of the proposal, a copy of which is being filed with the Secretary of the Board for record.

I concur, subject to further action by the Board of Higher Education.

On motion of Mr. Swain, this program was approved, in principle, and authority was given as recommended to negotiate and enter into contracts, and additional authorization was given to modify the plan before it is set up in final form to take into account such changes as may be indicated after further internal administrative consideration and consultation with the officers of the colleges and departments concerned; provided that any substantive changes shall be reported to the Board for confirmation; and provided further that final approval shall be subject to approval of the program by the Board of Higher Education. This action was taken without dissent.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(17) The Executive Vice-President and Provost and the Vice-President and Comptroller recommend the following appropriations and assignments of funds from the University General Reserve:

Urbana-Champaign

| | |
|---|-------------|
| 1. College of Agriculture | |
| Department of Animal Science, repairs to the Swine Nutrition Farm | \$18 200 00 |
| 2. College of Liberal Arts and Sciences | |
| Department of Mathematics, equipment..... | 2 582 00 |
| 3. Physical Plant Department | |
| Agricultural Engineering Building, remodeling..... | 7 190 00 |
| Photographic Laboratory, air conditioning..... | 8 000 00 |
| Davenport House, air conditioning..... | 7 076 65 |
| Total..... | \$43 048 65 |

I concur.

On motion of Mr. Pogue, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Kerner.

SETTLEMENTS WITH ECONOMY PLUMBING AND HEATING COMPANY, INC. AND BLOOMER HEATING AND VENTILATING COMPANY

(18) In December, 1949, the University entered into separate contracts with Economy Plumbing and Heating Company, Inc. (hereinafter called "Economy") and Bloomer Heating and Ventilating Company (hereinafter called "Bloomer") for the furnishing of certain materials and work in the construction of the University's Research and Educational Hospitals Addition in Chicago. The building was not completed for more than two years after the scheduled date. Economy, Bloomer, and other contractors on the project, including Patrick Warren Construction Company, the general contractor, contended that the delays were caused by the University and asserted claims for damages by reason thereof. The University

has consistently denied liability on such claims and has maintained that the delays were caused by the contractors. By special agreement with the University, Economy (in 1954) and Bloomer (in 1953) were paid and accepted the balances due under their respective contracts, which agreement preserved the contractors' rights to assert at a later date claims for delay, and also acknowledged the University's right to deny liability thereon.

On November 28, 1961, the Board of Trustees approved a settlement with Patrick Warren Construction Company which settlement included a payment for release of Warren's claims for delay. Subsequent negotiations have been conducted with counsel for Economy and counsel for Bloomer, the details of which are more fully stated in a letter from the Legal Counsel to President Henry, a copy of which is being filed with the Secretary for record. Economy has now agreed to accept the sum of \$6,431.25 in full payment and satisfaction of all of Economy's claims against the University, and to deliver to the University a complete release. Bloomer has now agreed to accept the sum of \$3,875.00 in full payment and satisfaction of all of Bloomer's claims against the University, and to deliver to the University a complete release.

These amounts represent substantial reductions in the original claims submitted by these contractors, have been arrived at on the same basis as the settlement of the Warren claims for delay approved by the Board in November, 1961, and provide a means whereby expensive and protracted litigation between these contractors and the University will be avoided. For these reasons, the Vice-President and Comptroller, the Director of the Physical Plant, and the Legal Counsel recommend that a final settlement between the University and Economy, and between the University and Bloomer, on the above-mentioned basis be authorized and made, subject to the release by the Governor out of funds appropriated to the University for the construction of the Research and Educational Hospitals Addition of the sums of \$6,431.25 and \$3,857.00 for payment to Economy and Bloomer, respectively.

I concur.

On motion of Mr. Johnston, these settlements were authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Kerner.

CONTRACTS FOR INSTALLATION OF FUME HOODS IN EAST DENTISTRY-MEDICINE-PHARMACY BUILDING

(19) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts for furnishing and installing fume hoods in the East Dentistry-Medicine-Pharmacy Building, the award in each case being to the lowest bidder:

| | |
|--|-------------|
| Ventilating—Anderson and Litwack Company, Hillside..... | \$31 653 00 |
| Base bid | \$22 338 00 |
| Additive alternates | |
| Service charge for supervision of other contracts assigned to this contractor..... | 2 346 00 |
| Installation of eleven additional fume hoods in various rooms | 6 969 00 |
| Heating and Temperature Control—T. F. Hanley Corporation, Chicago..... | 9 921 00 |
| Base bid | \$ 9 000 00 |
| Additive alternates for installation of heating and temperature controls for eleven additional fume hoods..... | 921 00 |
| Plumbing—Ashland Plumbing and Heating Company, Chicago..... | 3 409 00 |
| Base bid | \$ 2 232 00 |
| Additive alternates for plumbing installations for eleven additional fume hoods..... | 1 177 00 |
| Electrical—Wadeford Electric Company, Chicago..... | 3 427 00 |
| Base bid | \$ 2 709 00 |
| Additive alternates for electrical installations for eleven additional fume hoods..... | 718 00 |

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|---|--------------------|
| General — Gerhardt F. Meyne Company, Chicago..... | 9 665 00 |
| Base bid | \$ 5 640 00 |
| Additive alternates for remodeling work required for installation of eleven additional fume hoods..... | 4 025 00 |
| Fume Hoods — Browne-Morse Company, Chicago..... | 20 595 60 |
| Base bid | \$13 043 88 |
| Additive alternate for eleven additional fume hoods... | 7 551 72 |
| Total | \$78 670 60 |

The contracts will provide for the furnishing and installation of thirty fume hoods in chemistry laboratories on the third and four floors of the East Dentistry-Medicine-Pharmacy Building to expand facilities for teaching and research. The hoods were originally designed for installation when the building was constructed, but due to insufficient funds the installation was postponed. The base bid in each case is on installation of nineteen fume hoods; alternates were taken on the installation of eleven more, all of which are needed. The base bids were low enough to permit inclusion of the eleven additional hoods.

It is further recommended that all contracts other than the contract for ventilating work be assigned to the contractor for that work, making the total of his contract price \$78,670.60; and that an agreement be entered into with Anderson and Litwack Company for the assignment of these other contracts for \$2,346 which amount is included in the contract price, being the amount bid by that Company for service charge for supervision of other contracts assigned to the contractor for ventilating work.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund and have been released.

A schedule of all bids received is submitted herewith and a copy is filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Swain, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Kerner.

CONTRACT FOR WEATHERPROOFING ROOF DECKS ON BUILDINGS AT THE MEDICAL CENTER

(20) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$4,955 to the Hascek-Melville Corporation, Maywood, for weatherproofing the tile roof decks on the Research and Educational Hospitals and the Dentistry-Medicine-Pharmacy Building, first unit.

Bids were requested both for weatherproofing and for completely removing and replacing the roofs; considering the price differential, it is recommended that the bid for weatherproofing only be accepted.

Funds are available in the Physical Plant maintenance budget.

I concur.

On motion of Mr. Williamson, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Kerner.

CONTRACTS WITH DEPARTMENT OF MENTAL HEALTH FOR STEAM SERVICE

(21) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of amendments of four existing contracts and two additional contracts with the State Department of Mental Health for steam service from the Medical Center Steam Company to two new buildings being constructed in the Medical Center District.

The Medical Center Steam Company was chartered by the state to construct and operate a central steam plant to provide service to the University and to other institutions in the Medical Center District on a contract basis. The University operates the plant under a contract with the Company. The consumers pay for the

costs of steam, maintenance of utility lines, and a pro rata share of the capital costs of the plant and of extensions of steam lines.

The details of the proposed new contracts and amendments of existing contracts with the Department of Mental Health are submitted herewith and are filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Swain, these contracts and amendments were authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Kerner.

CONTRACTS FOR OAK STREET IMPROVEMENT, PARKING LOT CONSTRUCTION, AND TRASH COLLECTION DEPOT

(22) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of the following contracts, the award in each case being to the lowest bidder:

| | |
|---|--------------|
| Oak Street Improvement—General Paving Company Incorporated, Champaign, Illinois | \$105 665 45 |
| Paving of Oak Street from Florida Avenue to Stadium Drive, including concrete curb and gutter, drainage, lighting, and the completion of a five-foot sidewalk on the west side of the street. | |
| Parking Lot Construction—Parro Construction Corporation, Urbana, Illinois..... | 166 891 80 |
| Base bid for construction of a 399-space asphalt lot, complete with drainage and lighting, on the south side of Florida Avenue east of Oak Street extended..... | \$136 653 00 |
| Additive alternate for construction of an eight-foot wide concrete sidewalk on the south side of Florida Avenue from First Street to Oak Street.... | 4 657 80 |
| Additive alternate for construction of an additional 96-space parking area, complete with drainage and lighting, immediately north of the existing compound and east of the parking area to be constructed under the base bid; and for construction of a concrete sidewalk on the west side of First Street from Florida Avenue south to the entrance to the existing compound..... | 25 581 00 |
| Trash Collection Depot—General Paving Company Incorporated, Champaign, Illinois | 56 998 95 |
| Base bid for construction of a trash depot consisting of a concrete structure with elevated ramp, two power-operated rams for compressing trash in containers, drives, drainage, lighting, and security fence | \$ 51 221 95 |
| Additive alternate for furnishing and installing two 33-cubic yard trash containers complete..... | 5 777 00 |

It is further recommended that the awards to General Paving Company Incorporated be combined in one contract at a total price of \$162,664.40.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund and have been released.

A supporting report from the Physical Plant Department with a schedule of bids received is submitted herewith and a copy is being filed with the Secretary of the Board for record.

I concur.

On motion of Mrs. Watkins, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Kerner.

AMENDMENT TO CONTRACT FOR CONGRESS CIRCLE CAMPUS SITE

(23) The Board of Trustees has authorized a contract with the Chicago Land Clearance Commission for the acquisition by the University of the site for the Congress Circle Campus in Chicago. Pursuant to enabling statutes passed by the 1961 General Assembly, the city of Chicago has since succeeded to the position of the Chicago Land Clearance Commission under the contract.

Under the terms of the agreement the total site was to be conveyed to the University in five stages, the first conveyance to be accomplished by June 30, 1962. The city of Chicago has experienced delays in its land acquisition program, principally by reason of litigation affecting the site, and the conveyancing schedule in the contract is no longer realistic. The City has requested an amendment to the contract to provide new dates for transfers of various portions of the site to the University, the first conveyance to be made prior to May 1, 1963. The proposed new dates have been reviewed by the Director of the Physical Plant and he states that they are compatible with the University's current construction schedule.

The Vice-President and Comptroller and the Director of the Physical Plant recommend that execution of the amendment be authorized.

I concur.

On motion of Mr. Swain, this amendment of the contract was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Kerner.

EASEMENTS ON CONGRESS CIRCLE CAMPUS SITE

(24) The contract by which the University is acquiring title to the Congress Circle Campus site provides that the City will convey title subject to easements for necessary underground public or private utilities. Most of the existing easements lie in city streets and alleys to be vacated prior to the conveyance to the University. These easements appear to be more extensive than they would have been if originally granted over private property. In a few cases the utilities will require new easements on the site, principally for relocation to accommodate the University's construction and to service the University buildings.

Negotiations have been conducted with the public and private utilities for the purpose of narrowing existing easements to the areas reasonably required for the utilities' function, defining the scope of required new easements, securing releases by the utilities of existing easements no longer required by them, authorizing encroachments by the University on existing easements as reflected by the University's present construction specifications, and establishing criteria for permissive encroachment by future University construction. These negotiations are continuing and may be completed prior to the regular May meeting of the Board. It would be desirable to formalize the easement arrangements as soon as possible.

The Vice-President and Comptroller and the Director of the Physical Plant recommend that the Board of Trustees authorize its Executive Committee to take action for the Board in any negotiations with public and private utilities for easements relating to the Congress Circle site in Chicago, including approval of the execution of necessary easement and release documents.

I concur.

On motion of Mr. Johnston, these easements were authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Kerner.

**AGREEMENT WITH COMMONWEALTH EDISON COMPANY
ON VERNON PARK SUBSTATION**

(25) To complete the Congress Circle Campus plan and to avoid the necessity of relocating Commonwealth Edison Company's Vernon Park Substation, and all its underground facilities in the area, the University will construct a screening wall around the Substation. As a result of discussions with Edison representatives, the Vice-President and Comptroller and the Director of the Physical Plant recommend that an agreement with Commonwealth Edison Company be authorized, which agreement would provide for the following:

1. The University may erect on land owned by it a suitable screening around Edison's Vernon Park Substation at the Congress Circle Campus site which will preserve to Edison easy access to the Substation and its facilities in the surrounding area.
2. The University may also reface Edison's Substation building in a manner deemed appropriate by the University, so long as the refacing does not impair the utility of the building to Edison.
3. Edison will permit the University to erect and use an enclosed walkway over the Substation, subject to Edison's reasonable requirements for clearance, access, and liability.
4. Edison will pay the University \$100,000 to be applied toward the cost of this project.

In the placement of the screening wall, an exchange of certain land areas between the University and Edison may be indicated. When and if such exchange is desired, specific Board approval will be requested therefor.

Funds are available in the state capital appropriations to the University from the Universities Building Fund for the Congress Circle Campus and have been released.

I concur.

On motion of Mr. Dilliard, this agreement was authorized.

HOUSING AND HOME FINANCE AGENCY LOAN FOR CONSTRUCTION OF MEDICAL CENTER STUDENT UNION AND HOUSING FACILITY

(26) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of:

- An application to the Housing and Home Finance Agency for a loan of \$2,000,000 for construction of a new Student Union and Housing Facility at the Medical Center in Chicago, this amount representing approximately two-thirds of the estimated cost, the loan to be repaid from student fee income and operations;
- An issue of \$1,000,000 of revenue bonds to be sold publicly to finance part of the construction cost, the bonds to be amortized from student fee income and operations;

Employment of Chapman and Cutler, Chicago, as counsel for the bond issue;

Advertisements for bids on the construction of the building and for the sale of bonds at times deemed most appropriate by the Vice-President and Comptroller.

I concur.

On motion of Mr. Swain, these recommendations were approved, and authority was given as requested by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Kerner.

ADDITION TO CONTRACT FOR FIRST ADDITION TO ORCHARD DOWNS APARTMENTS

(27) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$9,800 in a contract with Shapland Construction Company, Champaign, for construction of the first addition to Orchard Downs for modifications and installation of insulated panels in the living room window wall panels to provide for added temperature control.

Funds are available in the Housing Division budget.

I concur.

On motion of Mr. Johnston, this change in contract was authorized.

EMPLOYMENT OF ARCHITECTS

(28) The Director of the Physical Plant and the Vice-President and Comptroller recommend employment of Richardson, Severns, Scheeler, and Associates, Champaign, for architectural services on the University's Research and Training Building at the Mental Health Center at a fee not to exceed 6 per cent of construction costs, which will include preliminary design, working drawings and specifications, preliminary studies for future expansion, and job supervision.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund and have been released.

I concur.

On motion of Mr. Pogue, this recommendation was approved.

COLLEGE OF EDUCATION BUILDING

(29) The Dean of the College of Education and its Executive Committee recommend that the new building for the College now under construction be officially designated as "The College of Education Building."

I concur.

On motion of Mrs. Watkins, this name was approved.

ILLINI GROVE

(30) A group of residents of Urbana-Champaign have submitted a petition addressed "To the President and the Board of Trustees of the University of Illinois" that Illini Grove "be maintained in its present condition as a beautiful wooded area for use by the students, faculty, and alumni of the University and the citizens of Urbana-Champaign for recreational purposes," and that in the event a change in the use of Illini Grove is contemplated, they be given an opportunity to appear at a meeting of the Board of Trustees.

I submit the petition, as requested. In replying to those representing the petitioners, I have pointed out that there is no formal recommendation before the Board for the use of Illini Grove as a building site in the near future or for any change in the present use of that facility.

The petition has already been answered and no further action is required.

PURCHASES

(31) The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest acceptable bid.

The recommendations are presented in two categories: purchases from Appropriated Funds (i.e., from state appropriations to the University) and purchases from Institutional Funds. The latter term is used here to designate funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, from foundation grants and grants from corporations and other donors, and University revolving funds authorized by law.

Purchases from Appropriated Funds

| <i>Item</i> | <i>Department</i> | <i>Vendor</i> | <i>Cost</i> |
|---|--|---|--|
| 3,000 copies beef equipment plans | Agricultural | Midwest Plan Service, | \$ 2 684 59 |
| 2,000 copies descriptive leaflets | Engineering | Iowa State University, Ames, Iowa | f.o.b. delivered |
| One gas chromatograph with manual temperature programming, variable heat controls, detector collectors and injectors; one continuous type recorder and one disc integrator for use on recorder to be used in a teaching laboratory in chemistry | Chemistry and Chemical Engineering | Wilkins Instrument & Research, Inc., Walnut Creek, Calif. | 2 709 20 f.o.b. delivered |
| One wavelength spectrometer with accessory bar, observation tube, extension mount, spacers and glass plates for use in a teaching laboratory in chemistry | Chemistry and Chemical Engineering | Engis Equipment Co., Chicago | 3 038 00 f.o.b. delivered |
| Three special instrumentation laboratories for use in teaching courses in electronics, instrumentation, and research | Chemistry and Chemical Engineering | Heath Co., Benton Harbor, Mich. | 2 686 50 f.o.b. Benton Harbor, Mich. |
| One universal testing machine, 300,000 pound capacity with load holding mechanism, six ranges, continuous type recorder, six scale ranges, and hydraulic loading and weighing system using fundamental quantities of mass and length | Civil Engineering | Riehle Testing Machines, Division of AMETEK, Inc., Westchester | 24 330 00 f.o.b. delivered |

| <i>Item</i> | <i>Department</i> | <i>Vendor</i> | <i>Cost</i> |
|--|--|---|--|
| Two duplicators, offset, having printing area capacity up to 9½ in. by 13 in. and accommodate stock sizes from 3 in. by 5 in. to 11 in. by 17 in. with ten ream (5,000) sheet capacity, less trade-in of one offset duplicator, A. B. Dick Model 350 | Library | Maginn Office Equipment Co., Champaign | \$ 5 515 00 f.o.b. delivered and installed |
| One lathe, precision, high capacity, 13 in. by 30 in. centers, 5 ft. 6¼ in. bed, with standard accessories | Mining, Metallurgy, and Petroleum Engineering | LeBlond Machine Tool Co., Oak Park | 4 447 00 f.o.b. Cincinnati, Ohio |
| One machine, vertical, milling, complete with variable speed spindle drive, power table feed, motor, controls and extra collets and end mill adapter | Mining, Metallurgy, and Petroleum Engineering | Couch & Heyle, Peoria | 3 981 00 f.o.b. delivered |
| 211 wood laboratory tables, for the Physics Building, Stage II; the sizes are as follows: 110 30 in. by 72 in. 60 36 in. by 72 in. 10 24 in. by 60 in. 15 30 in. by 60 in. 16 30 in. by 84 in. | Physical Plant | E. H. Sheldon Equipment Co., St. Louis, Mo. | 20 439 00 f.o.b. delivered and installed |
| Print and bind 35,000 copies <i>Time Table</i> , first semester, 1963-64, trim size 5½ in. by 8½ in., approximately 344 pages per copy | University Press | Edwards Brothers Inc., Ann Arbor, Mich. | 8 905 00 f.o.b. delivered |

Purchases from Institutional Funds

| | | | |
|--|---|---|---|
| One lot of laboratory supplies and equipment | Agency for International Development (Faculty of Medicine, Chiangmai Hospital, Thailand) | Will Scientific of New York City, Inc., New York, N.Y. | \$17 995 77 c & f Bangkok, Thailand |
| Miscellaneous photographic and graphic arts chemicals as requested by Photography Department at Medical Center from July 1, 1963, through June 30, 1965 | Illustration Studios, Medical Center | Watland, Inc., Chicago | 43 904 00 delivered |
| Optical goods and services for Illinois Eye and Ear Infirmary patients, July 1, 1963, through June 30, 1965 | Ophthalmology | American Optical Co., Chicago | 132 629 64 estimated |
| One six-channel polygraph and accessories, capable of expansion to four-teen channels | Medicine | Sanborn Co., Chicago | 10 251 45 delivered |
| One automatic dual channel liquid scintillation spectrometer, with 200 sample capacity high-speed indexing and reset, completely transistorized | Animal Science | Packard Instrument Co., Inc., La Grange | 12 550 00 f.o.b. delivered |
| One centrifuge, automatic, refrigerated with swinging bucket rotor, four tube carriers, twelve rubber pads, rubber stoppers and autoclavable polypropylene centrifuge tubes for use in research projects in botany requiring use of radioactive materials | Botany | Ivan Sorvall, Inc., Norwalk, Conn. | 3 822 70 f.o.b. delivered |
| One recorder, x-y, adjustable range or adjustable zero from 1 mo. to 20 mo. slide-wire span, coarse and fine zero adjustment on x axis; 100 to 1100 degrees c. linearized scale for y axis; 1 second span x axis and 4 second span y axis; resistance up to 2500 ohms; 9½ in. pen and chart travel; per lifter in x axis | Ceramic Engineering | Leeds & Northrup Co., Munster, Ind. | 2 706 44 f.o.b. delivered |
| Furnish and install barn equipment in the north and south barns of the Lincoln Avenue Dairy Barns, to replace present equipment that has been in service for approximately forty years | Dairy Science | Cissna Park Dairy Equipment, Cissna Park | 8 648 27 f.o.b. delivered and installed |
| 2,000 connectors, printed circuit, 22 pin double sided phosphor bronze wire wrapped terminals | Digital Computer Laboratory | Cinch Manufacturing Co., Howard B. Jones Division, Chicago | 3 360 00 f.o.b. delivered |

| <i>Item</i> | <i>Department</i> | <i>Vendor</i> | <i>Cost</i> |
|--|------------------------|--|--|
| One plotter, instantaneous presentation automatic impedance and transfer characteristic, oscilloscope with a Smith chart display, and with RF equipment required to cover range of 2.5 to 1100 mc. | Electrical Engineering | Alford Manufacturing Co., Boston, Mass. | \$10 964 00 f.o.b. Boston, Mass. |
| One oscilloscope, 3.5 kv, with eighteen calibrated square wave voltages 0.2 mv to 100 volts, with one dual-trace plug-in unit dc to 10m, one dual-trace plug-in unit dc to 650 kc, one delayed sweep plug-in unit, one wide-band amplifier 5 cps to 17 mc, one oscilloscope camera | Electrical Engineering | Tektronix, Inc., Park Ridge | 2 835 00 f.o.b. Beaverton, Ore. |
| One scanning spectrometer with gratings, interchanging assembly, high resolution, proving ring assembly, mounting plate and power supply for research studies on PN junction lasers which emit light in a very narrow region of the spectrum | Electrical Engineering | Jarrell-Ash Co., Newtonville, Mass. | 5 876 00 f.o.b. delivered |
| Remodel air conditioning system at the Electrical Engineering Monticello Field Station | Electrical Engineering | Nogle & Black, Inc., Champaign | 5 183 00 f.o.b. delivered |
| One gas chromatograph, dual column, temperature programmed with hydrogen flame ionization detectors, to be used in studies of food flavors in dehydrated food items | Food Technology | Micro-Tek Instruments, Inc., Baton Rouge, La. | 4 734 25 f.o.b. delivered |
| One spectrochrom including ph and conductivity meters and four chromatographic columns, for use in the isolation and characterization of individual genetic messages | Microbiology | Spinco Division Beckman Instruments, Inc., Palo Alto, Calif. | 23 500 00 f.o.b. Palo Alto Calif. |
| One zonal ultracentrifuge, temperature control system, continuous flow rotor and gradient pump for use in isolating, on a large scale, bacterial ribosomes and bacterial enzymes | Microbiology | Spinco Division Beckman Instruments, Inc., Palo Alto, Calif. | 14 800 00 f.o.b. Palo Alto, Calif. |
| One biogen unit (continuous flow sterilizer) to be used for continuous cultivation of micro-organisms under controlled and reproducible conditions in research on the properties of various enzymes involved in dissimilatory sulfate reductions | Microbiology | American Sterilizer Co., Chicago | 18 100 00 f.o.b. delivered |
| Three liquid scintillation spectrometers completely transistorized, with dual channels and coincidence system using a pair of matched multiplier phototubes in each instrument, less trade-in of two obsolete spectrometers | Microbiology | Packard Instrument Co., Inc., La Grange | 25 150 00 f.o.b. delivered |
| One pulse height analyzer system, 1024 channel, each channel having a magnetic core memory capable of storing at least 99,999 counts | Physics (Betatron) | Nuclear Data, Inc., Madison, Wis. | 18 775 77 f.o.b. delivered |
| Four detectors, totally depleted, manufactured from silicon wafers, for measurement and identification of particle mass as well as determination of particle energy | Physics (Betatron) | Oak Ridge Technical Enterprises Corp., Oak Ridge, Tenn. | 2 575 00 f.o.b. delivered |
| One tape to typewriter converter | Physics (Betatron) | Tally Register Corp., c/o Pivan Engineering, Chicago | 2 840 00 f.o.b. delivered |
| One tape perforator with takeup reel for eight-level tape | | | |
| One tape reader with takeup reel for eight-level tape | | | |
| One ultracentrifuge with two rotors for research on the biological activity of nucleic acid fractions from differentiated protozoan cells | Zoology | Spinco Division Beckman Instruments, Inc., Palo Alto, Calif. | 9 607 00 f.o.b. delivered |
| Print and bind 1,500 copies of <i>Key to Trematodes in Animal and Man</i> , by Hisao P. Arai, approximately 416 pages, trim size 8½ in. by 11 in. | University Press | Cushing-Malloy, Inc., Ann Arbor, Mich. | 4 871 00 f.o.b. delivered |
| Print and bind 1,500 copies of <i>Letters of the Lewis and Clark Expedition</i> , by Donald D. Jackson, trim size 6½ in. by 9¼ in., approximately 736 pages per copy | University Press | The Colonial Press, Inc., New York, N.Y. | 4 338 65 f.o.b. delivered |

| <i>Item</i> | <i>Department</i> | <i>Vendor</i> | <i>Cost</i> |
|---|-------------------------|--|---------------------------------------|
| Lease 183 miscellaneous 16 mm. films for a one-year period | Visual Aids Service | Encyclopaedia Britannica Films, Inc., Wilmette | \$ 2 888 00 f.o.b. delivered |
| 230 stacking chairs, upholstered over fiberglass shell for use in the new Assembly Hall | Assembly Hall | S. Buckman Furniture & Supply Co., Spring Valley | 4 328 01 f.o.b. delivered |
| Forty-three fixtures, stage lighting, consisting of tormentor raceways, theatrical border lights, and theatrical spotlights for the Assembly Hall | Assembly Hall | Kliegl Bros. Universal Electrical Stage Lighting Co., Inc., New York, N.Y. | 23 881 00 f.o.b. delivered |
| 625,000 envelopes, 28 lb., brown kraft, gummed flap, open end, clasp, various sizes | Office Supply Storeroom | Business Envelope Manufacturers, Inc., Melrose Park | 10 350 00 f.o.b. delivered |
| 300,000 envelopes, 20 lb. brown kraft, gummed flap, open end, catalog, various sizes | | | |
| 150,000 envelopes, 20 lb. brown kraft, gummed flap, open end, coin, various sizes | | | |
| 950,000 envelopes, 20 lb. giant kraft, gummed flaps, various sizes | | | |
| An estimated ten-month supply for Office Supply Storeroom stock | | | |
| 115 folding tables, 30 in. by 72 in. by 29 in., with tempered hardboard surface, plywood core, phenolic backing sheet and angle steel edge, to be distributed to various departments for use as requested | Physical Plant | Rochelle's, Inc., Chicago | 2 587 50 f.o.b. delivered |
| 100 each (approximately) fixtures, fluorescent, lighting, for two 40-watt lamps | Physical Plant | Graybar Electric Co., Peoria | 9 758 60 f.o.b. delivered |
| 200 each (approximately) fixtures, fluorescent, lighting, for four 40-watt lamps | | | |
| 600 each (approximately) louvers, plastic for above fixtures | | | |
| 600 each (approximately) hangers for above fixtures | | | |
| To be purchased as required by Physical Plant during the period May 1 through December 31, 1963 | | | |
| Professional-artistic services to remove the canvas of five portraits of ex-presidents, artistically repair the paintings, and replace in repaired frames | Physical Plant | Louis Pomerantz, Evanston | 4 550 00 f.o.b. Evanston |
| No. 5 fuel oil as required by Medical Center Steam Plant, July 1, 1963, to June 30, 1964; minimum quantity to be purchased will be 8,000 gallons, with option of purchasing additional quantities up to 450,000 gallons | Physical Plant, Chicago | Apex Motor Fuel Co., Chicago | 719 20 estimated for 8,000 gallons |

On motion of Mr. Johnston, these purchases were authorized.

INVESTMENT REPORT

Report of the Finance Committee

(32) The Finance Committee reported the following changes in investments of trust funds for the month of January, 1963:

Endowment Pool

Sale

| | | | |
|-----------|---|----|----------|
| 5 shares | Standard Oil Company of New Jersey common | \$ | 296 76 |
| Purchase | | | |
| 1/2 share | Monsanto Chemical Company common | \$ | 24 78 |
| \$ 2 000 | U. S. Treasury bonds 4 per cent 8/15/72 | | 2 034 38 |
| 7 000 | Aluminum Company of America 4 1/4 per cent 1/1/82 | | 7 096 25 |

Report of the Comptroller

The Comptroller reports the following changes in investments of unexpended and current funds, over which he has authority as indicated:

Current Funds

Restricted Group (June 20, 1962)

Purchase

| | | | |
|-----------|-------------------------------------|---------|--------------|
| \$500 000 | Ford Motor Credit Company notes | 6/28/63 | \$492 416 67 |
| 500 000 | Household Finance Corporation notes | 6/28/63 | 492 416 67 |
| 500 000 | Montgomery Ward Credit notes | 6/28/63 | 492 416 67 |
| 600 000 | U. S. Treasury bills | 1/31/63 | 598 880 00 |

Four-H Memorial Camp (June 20, 1962)

Purchase

| | | | | |
|----------|----------------------|-------------|---------|-------------|
| \$ 6 000 | U. S. Treasury bonds | 2½ per cent | 9/15/72 | \$ 5 416 88 |
|----------|----------------------|-------------|---------|-------------|

Construction Funds

Assembly Hall (June 23, 1959, and March 17, 1962)

Purchase

| | | | |
|-----------|----------------------|---------|--------------|
| \$300 000 | U. S. Treasury bills | 3/14/63 | \$298 651 00 |
| 300 000 | U. S. Treasury bills | 4/15/63 | 297 923 33 |
| 98 000 | U. S. Treasury bills | 5/16/63 | 97 062 47 |

Illini Union and Health Center (December 21, 1960)

Sale

| | | | |
|-----------|----------------------|---------|--------------|
| \$ 50 000 | U. S. Treasury bills | 1/15/63 | \$ 49 956 46 |
| 50 000 | U. S. Treasury bills | 3/14/63 | 49 828 50 |

Purchase

| | | | |
|-----------|----------------------|---------|--------------|
| \$113 000 | U. S. Treasury bills | 5/16/63 | \$111 922 73 |
|-----------|----------------------|---------|--------------|

Illinois Street Residence Halls (October 17, 1962)

Sale

| | | | |
|-----------|----------------------|---------|-------------|
| \$ 10 000 | U. S. Treasury bills | 2/14/63 | \$ 9 988 49 |
|-----------|----------------------|---------|-------------|

Purchase

| | | | |
|-----------|----------------------|---------|--------------|
| \$ 15 000 | U. S. Treasury bills | 7/15/63 | \$ 14 784 00 |
|-----------|----------------------|---------|--------------|

Orchard Downs and SG-2 (June 14, 1960)

Purchase

| | | | |
|-----------|----------------------|---------|--------------|
| \$270 000 | U. S. Treasury bills | 3/21/63 | \$268 584 30 |
|-----------|----------------------|---------|--------------|

Peabody Drive (October 21, 1959)

Purchase

| | | | |
|-----------|----------------------|---------|--------------|
| \$157 000 | U. S. Treasury bills | 3/14/63 | \$156 207 89 |
|-----------|----------------------|---------|--------------|

Pennsylvania Avenue Residence Halls

Purchase

| | | | |
|-----------|----------------------|---------|--------------|
| \$170 000 | U. S. Treasury bills | 2/14/63 | \$169 588 65 |
| 115 000 | U. S. Treasury bills | 2/21/63 | 114 816 64 |

Student Services Building (May 17, 1961)

Purchase

| | | | |
|-----------|----------------------|---------|--------------|
| \$ 85 000 | U. S. Treasury bills | 2/14/63 | \$ 84 817 68 |
|-----------|----------------------|---------|--------------|

Sinking Funds

Housing Revenue Bonds (December 17, 1958; June 23, 1959; October 21, 1959; June 14, 1960; June 21, 1961; May 24, 1962; and October 17, 1962)

Purchase

| | | | |
|-----------|-----------------------------|---------------------|--------------|
| \$111 000 | U. S. Treasury bills | 3/21/63 | \$110 139 20 |
| 111 000 | U. S. Treasury certificates | 3½ per cent 8/15/63 | 111 450 94 |

Men's Residence Halls of 1956 (March 23 and September 18, 1956)

Purchase

| | | | |
|-----------|----------------------|---------------------|--------------|
| \$ 14 000 | U. S. Treasury bonds | 3 percent 2/15/64 | \$ 14 000 00 |
| 1 000 | U. S. Treasury notes | 3¾ per cent 8/15/64 | 1 008 75 |

Men's Residence Halls of 1957 (March 12, 1957, and November 18, 1959)

Purchase

| | | | |
|-----------|----------------------|---------------------|--------------|
| \$190 000 | U. S. Treasury bonds | 3 per cent 2/15/64 | \$190 118 75 |
| 5 000 | U. S. Treasury notes | 3¾ per cent 8/15/64 | 5 056 25 |

Women's Residence Halls of 1956 (September 18, 1956, and February 15, 1961)

Purchase

| | | | | |
|-----------|----------------------|-------------|---------|--------------|
| \$ 46 000 | U. S. Treasury notes | 3¾ per cent | 8/15/64 | \$ 46 373 75 |
| 4 000 | U. S. Treasury bonds | 2½ per cent | 2/15/65 | 3 955 00 |

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS

(33) The Comptroller's report of contracts executed during the period March 1 to 31, 1963.

| <i>With Whom</i> | <i>Purpose</i> | <i>Amount to be Paid to the University</i> | <i>Effective Date</i> |
|--|---|--|-----------------------|
| Homewood Park District | Appraisal of existing park and recreation areas with recommendations for additional facilities | \$ 600 00 | March 7, 1963 |
| Eli Lilly Co. | Ovulation time and active steroids in livestock | 2 330 00 | March 11, 1963 |
| Truax-Traer Coal Co. | Evaluation of a coal-like substance known as leonardite | 9 000 00 | March 6, 1963 |
| United States Air Force AF-AFOSR-272-63 | Quantum and solid state electronics | 57 485 00 | February 1, 1963 |
| United States Air Force AF-AFOSR-390-63 | Problems related to optical communications | 83 718 00 | February 1, 1963 |
| United States Air Force AF-19(628)-2391 | Electromagnetic wave interaction techniques | 30 000 00 | February 1, 1963 |
| United States Air Force AF-19(628)-2484 | Processes in the ionosphere by means of gyro interaction experiments | 40 000 00 | October 1, 1962 |
| United States Air Force AF-29(601)-5817 | Behavior of soil and rock subjected to high stress levels | 50 000 00 | March 1, 1963 |
| United States Air Force AF-33(657)-10224 | Generating and utilizing coherent electromagnetic radiation in the submillimeter and interwave region | 85 000 00 | October 1, 1962 |
| United States Air Force AF-33(657)-10474 | Electromagnetic and ferret reconnaissance antenna techniques | 120 000 00 | December 11, 1962 |
| United States Air Force AF-33(657)-10626 | Equilibrium solutions of nitrogen in columbium-base alloys | 20 000 00 | February 1, 1963 |
| United States Air Force AF-33(657)-10659 | Information processing capability of signal analysis system | 25 000 00 | February 1, 1963 |
| United States Army DA-AMC-18-108-63(A) | Mechanism of action of synergists for toxic agents | 22 200 00 | February 15, 1963 |
| United States Army DA-11-022-AMC-329 | Initiation and stability of detonation waves | 29 615 00 | March 1, 1963 |
| United States Army DA-31-124-ARO(D)-65 | Dislocations and point defects | 25 000 00 | February 1, 1963 |
| United States Army DA-49-193-MD-2399 | Determination of free chlorine residuals in water | 10 481 00 | February 15, 1963 |
| United States Atomic Energy Commission AT(11-1)-1264 | Physical, chemical, and biological equilibria in natural waters | 29 492 00 | February 15, 1963 |
| United States Department of Agriculture 12-14-100-6863(71) | Factors causing digestive disturbances from soybeans | 32 460 00 | February 28, 1963 |
| United States Department of Commerce Cc-5994 | Feasibility of a plastic covered greenhouse vegetable industry in Southern Illinois | 11 250 00 | February 22, 1963 |
| United States Department of Health, Education, and Welfare OE-3-10-093 | Community decision-making and change and their influence upon education | 22 291 00 | February 15, 1963 |
| United States Department of Health, Education, and Welfare OE-3-16-010 | Implications of the new media for the teaching of library science | 30 524 00 | February 18, 1963 |
| United States Department of Health, Education, and Welfare OE-3-99-047 | Prepare a two-year post high school curriculum guide for civil technology | 14 250 00 | February 25, 1963 |
| United States Department of Health, Education, and Welfare PH-86-63-79 | Effects of an endurance exercise program on the serum lipids, total body fat, and selected cardiovascular disease variables | 4 320 00 | January 20, 1963 |

| <i>With Whom</i> | <i>Purpose</i> | <i>Amount to be Paid to the University</i> | <i>Effective Date</i> |
|-------------------------------------|--|--|-----------------------|
| United States Navy Nonr-3985(01) | Physiological and biochemical factors that influence the formation and germination of bacterial spores | \$ 53 324 00 | November 1, 1962 |
| United States Navy Nonr-3985(03) | Microbial ecology | 39 138 00 | January 1, 1963 |
| United States Navy Nonr-3985(04) | Pre-programmed self-instruction and self-programmed individualized education | 33 971 00 | February 1, 1963 |
| United States Navy Nonr-3985(05) | Mechanics of failure of glass reinforced plastics under compressive loads | 20 000 00 | February 1, 1963 |
| <i>Total</i> | | <u>\$901 449 00</u> | |

Leases

| <i>With Whom</i> | <i>Purpose</i> | <i>Amount to be Paid by the University</i> | <i>Effective Date</i> |
|--|--|--|---|
| Allis-Chalmers Manufacturing Co. | Rental of farm machinery: One forage blower with attachments | \$ 109 14 | January 18, 1963 |
| International Business Machines Corp. | I.B.M. equipment: One numeric key punch, one card sorter, two card punches | 1 584 00 | December, 1962, January and March, 1963 |
| International Harvester Co. | Rental of farm machinery, two items: \$43.07 and \$896.45 | 939 52 | July, 1962, and February, 1963 |
| Massey-Ferguson, Inc. | Rental of farm machinery: One tractor with attachments | 302 02 | February 27, 1963 |
| <i>Total</i> | | <u>\$ 2 934 68</u> | |

Contract Changes

| <i>With Whom</i> | <i>Purpose</i> | <i>Amount to be Paid to the University</i> | <i>Effective Date</i> |
|--|--|--|-----------------------|
| Crop-Hail Insurance Actuarial Association | Factors producing hailstorms in Illinois | \$ 6 000 00 | February 18, 1963 |
| State of Illinois Department of Conservation | Fisheries research | 32 500 00 | February 14, 1963 |
| United States Air Force AF-33(657)-7619 | Time and temperature dependence of the ductile brittle transition in metals | 24 959 00 | March 14, 1963 |
| United States Army DA-18-108-405- CML-517 | Evaluate the behavior of immiscible fluids (gases and liquids) in porous solid media | 753 19 | March 8, 1963 |
| United States Atomic Energy Commission AT(11-1)-1127 | Specialized training through summer institutes in the field of nuclear science | 19 618 00 | January 15, 1963 |
| United States Atomic Energy Commission AT(11-1)-1142 | Field of radio chemistry | 36 900 00 | February 1, 1963 |
| United States Navy Nonr-1834(03) | Methods of analysis of structural and machine elements | 68 000 00 | March 18, 1963 |
| <i>Total</i> | | <u>\$188 730 19</u> | |

Adjustments Made in 1962-63 Cost-Plus Contracts

| <i>With Whom</i> | <i>Purpose</i> | <i>Amount</i> | <i>Date</i> |
|---------------------------------|---|---------------|-----------------------------|
| Harry F. Fisher (Plastering) | Twenty-five items: \$53.53 deduct to \$1,377.63 | \$ 3 371 32 | February and March, 1963 |

Summary

| | |
|--|----------------|
| Amount to be paid to the University..... | \$1 090 179 19 |
| Amount to be paid by the University..... | 6 306 00 |

This report was received for record.

ANNUAL REPORT OF THE TREASURER

(34) In accordance with the By-Laws of the Board of Trustees, the Treasurer of the University has submitted a report of receipts and disbursements of University funds in his custody for the period March 1, 1962, to February 28, 1963, certified by the Comptroller. A copy of this report was sent to each member of the Board

of Trustees prior to today's meeting, and a copy is filed with the Secretary of the Board.

This report was received for record.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: appointments to the faculty made by the President; appointments of fellows; resignations, declinations, and terminations; leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

- ANDERSON, TRUMAN O., Assistant Professor of Medicine and of Microbiology (Medicine), six months from March 1, 1963, \$9,000 a year, supersedes (3-13-63).
- BIGGS, CARLETON W., Associate Professor of Art, 27/100 time, June 21-August 9, 1963, \$359, additional (3-11-63).
- BUINAUSKAS, PETER, Research Associate in Surgery (Medicine), $\frac{2}{3}$ time, six months from March 1, 1963, \$3,000 a year, supersedes (3-13-63).
- CAIRNS, STEWART S., Research Professor of Mathematics, two months from June 16, 1963, \$3,668; this is in addition to his present appointment (3-18-63).
- CURNYN, ARNOLD D., Assistant in Ophthalmology (Medicine), nine months from October 1, 1962, without salary (3-4-63).
- DIPERT, ARNOLD W., Instructor in Electrical Engineering, Summer Session of 1963, June 17-August 10, 1963, \$1,112 for the period, supersedes previous Summer Session appointment (3-8-63).
- DIXIT, SARYU NARAIN, Research Associate in Chemistry (Pharmacy), five months from April 1, 1963, \$500 a month (4-2-63).
- DUDLEY, JAMES, Assistant in Education, Summer Session of 1963, July 15-August 10, 1963, \$545 for the period (3-28-63).
- DUGGAN, THOMAS J., Assistant in Sociology, $\frac{1}{2}$ time, and Research Assistant in the Office of Community Development (Provost's Office), $\frac{1}{2}$ time, February 1-June 15, 1963, \$2,000, supersedes (3-28-63).
- EGBERT, PAUL R., Associate Professor of Electrical Engineering (C), $\frac{1}{3}$ time, two months from June 16, 1963, \$696, additional (3-4-63); and, in the Summer Session of 1963, $\frac{2}{3}$ time, June 17-August 10, 1963, \$1,393 for the period, additional and superseding (3-8-63).
- EMERY, WILLIS L., Professor of Electrical Engineering, Summer Session of 1963, June 17-August 10, 1963, \$2,889 for the period, supersedes previous Summer Session appointment (3-8-63).
- FLEEGER, JAMES L., Research Associate in Dairy Science (S), six months from March 1, 1963, \$6,750 a year (3-18-63).
- FUJII, (MISS) SAKIKO, Assistant in Animal Science (S), March 15-August 31, 1963, \$5,000 a year (3-7-63).
- GARRETT, BARRY B., Research Associate in Chemistry, March 16-August 31, 1963, \$500 a month (4-2-63).
- GLEN, DONALD L., Research Associate in Surgery (Medicine), 95/100 time, January 7-August 31, 1963, \$4,680, supersedes (3-18-63).
- GOLDMAN, ELAINE D., Assistant in Mathematics (Chicago Undergraduate Division), February 1-June 15, 1963, \$511.11 a month (3-13-63).
- GUNTHER, GOTTHARD, Visiting Research Associate Professor of Electrical Engineering (S), $\frac{1}{2}$ time, nine months from December 1, 1962, \$4,750 a year, supersedes (3-18-63).
- HAMM, CHARLES E., Visiting Lecturer in Music, Summer Session of 1963, June 17-August 10, 1963, \$2,500 for the period (3-8-63).
- HANG, DANIEL F., Associate Professor of Electrical Engineering, Summer Session of 1963, $\frac{1}{2}$ time, June 17-August 10, 1963, \$1,167 for the period; this is in addition to his Summer Session appointment as Associate Professor of Nuclear Engineering, $\frac{1}{2}$ time (3-8-63).
- HARDING, MRS. SARAH K., Research Associate in Veterinary Pathology and Hygiene (Veterinary Medicine), $\frac{2}{3}$ time, February 6-August 31, 1963, \$4,900 a year, supersedes (2-28-63).

- HARNISH, BENJAMIN F., Instructor in Architecture, 27/100 time, June 21-August 9, 1963, \$237; this is in addition to his present appointment (3-11-63).
- HAY, WILLIAM W., Professor of General Engineering (C), one month from June 16, 1963, \$1,190; this is in addition to his present appointment (3-1-63).
- HERTZBERG, ALVIN, Visiting Lecturer in Elementary Education, July 1-August 23, 1963, \$2,300 (3-1-63).
- HESELBERTH, CASSIUS A., Instructor in Electrical Engineering, Summer Session of 1963, $\frac{1}{2}$ time, June 17-August 10, 1963, \$578 for the period (3-8-63).
- HUDSON, PAUL K., Assistant Professor of Electrical Engineering, Summer Session of 1963, June 17-August 10, 1963, \$2,112 for the period, supersedes previous Summer Session appointment (3-8-63).
- IBUKI, KIMIO, Visiting Research Associate in the Digital Computer Laboratory, one year from March 16, 1963, to render service during the academic year, \$6,500 (3-21-63).
- JOHNSON, EVELYN L., Library Assistant, June 10-August 31, 1963, \$475 a month (3-28-63).
- JONES, EDWIN C., JR., Assistant Professor of Electrical Engineering, Summer Session of 1963, June 17-August 10, 1963, \$1,689 for the period, supersedes previous Summer Session appointment (3-8-63).
- KAHN, ALAN R., Research Associate in Otolaryngology (Medicine), five months from April 1, 1963, without salary (3-18-63).
- KAUFMANIS, KARLIS, Visiting Lecturer in Astronomy, July 22-August 23, 1963, \$2,050 (3-1-63).
- KONRAD, FRED K., Research Assistant in the Coordinated Science Laboratory (C), six months from March 1, 1963, \$6,000 a year (3-13-63).
- LARSON, BERNT O., Professor of General Engineering (C), full time, June 16-June 30, 1963, \$655, and July 1-August 2, 1963, $\frac{4}{5}$ time, \$1,311; this is in addition to his present appointment (3-13-63).
- LAVATELLI, LEO S., Professor of Physics, Summer Session of 1963, June 17-August 10, 1963, \$3,000 for the period (3-8-63).
- LINSTER, RICHARD L., Visiting Lecturer in Physics, Summer Session of 1963, June 17-August 10, 1963, \$2,200 for the period (3-8-63).
- MONIGOLD, GERALD E., Instructor in Firemanship Training, Division of University Extension, five months from April 1, 1963, \$6,240 a year (3-25-63).
- NUTTALL, MILDRED, Assistant Professor and Assistant State Leader Home Advisers (Home Economics) (E), five months from April 1, 1963, \$9,300 a year (3-11-63).
- PARTRIDGE, ROBERT W., JR., Visiting Lecturer in Electrical Engineering (Chicago Undergraduate Division), $\frac{1}{2}$ time, five months from February 1, 1963, \$1,500 (3-8-63).
- PEIRCE, MRS. HELEN W., Visiting Lecturer in Elementary Education, July 1-August 23, 1963, \$2,200 (3-13-63).
- PHILLIPS, MONTE L., Instructor in General Engineering (C), academic year beginning September 1, 1963, \$6,500 (3-13-63).
- PIERCE, GAIL, Research Associate in Elementary Education, beginning July 1 and continuing through August 23, 1963, \$1,289 (3-1-63).
- PROPST, FRANKLIN M., Research Assistant Professor in the Coordinated Science Laboratory and of Physics (C), five months from April 1, 1963, \$816.66 a month, supersedes (3-25-63).
- PROTHE, WILBERT C., Senior Research Engineer and Assistant to the Director of the Coordinated Science Laboratory (C), five months from April 1, 1963, \$1,166.66 a month, supersedes (3-14-63).
- PUSZTASZERI, STEPHEN F., Research Assistant in Chemistry, February 20-August 31, 1963, \$5,160 a year (3-19-63).
- RICKS, PHILANDER, JR., Assistant Professor of Obstetrics and Gynecology (Medicine), two months from July 1, 1963, \$1,041.66 a month (3-1-63).
- ROBERTS, MARGARET R., Research Assistant in the State Water Survey, March 4-June 30, 1963, \$433.33 a month (3-11-63).
- RYAN, DAVID G., Professor of Mechanical Engineering (C), $\frac{1}{3}$ time, two months from June 16, 1963, \$977; this is in addition to his present appointment (3-4-63).
- SASNER, JOHN J., JR., Research Associate in Physiology and Biophysics, six months from March 1, 1963, \$6,600 a year (3-13-63).

- SCHWEITZER, RUSSELL, Assistant Chief Pharmacist in Hospital Pharmacy (Pharmacy), March 11-August 31, 1963, \$8,000 a year (3-13-63).
- SCOTTON, DONALD W., Associate Professor of Marketing, Bureau of Business Management, two months from June 16, 1963, \$2,400, superseding and additional (3-8-63).
- SEGRE, DIEGO, Professor of Veterinary Microbiology and Public Health, Department of Veterinary Pathology and Hygiene (Veterinary Medicine), and of Veterinary Research (Agricultural Experiment Station), and Senior Staff Center for Zoonoses Research, two months from June 16, 1963, \$2,600; this is in addition to his present appointment (3-1-63).
- SIMON, MRS. ELLEN M., Research Associate in Zoology, $\frac{1}{4}$ time, five months from April 1, 1963, \$166.67 a month (3-18-63).
- SMITH, HELEN L., Visiting Lecturer in Social Sciences (Chicago Undergraduate Division), $\frac{2}{3}$ time, to render service during the second semester of the academic year, February 1-June 30, 1963, \$2,800 (3-13-63).
- STALLMEYER, JAMES E., Professor of Civil Engineering (C), $\frac{1}{2}$ time, two months from June 16, 1963, \$844; this is in addition to his present appointment (3-4-63).
- STEVENS, ROLLAND E., Visiting Lecturer in the Graduate School of Library Science, Summer Session of 1963, June 17-August 10, 1963, \$2,000 (3-4-63).
- SUDHOFF, HERBERT A., Executive Officer, Naval Science, $\frac{1}{10}$ time, eight months from January 1, 1963, \$600 a year (3-18-63).
- VASIL, VIMLA, Research Associate in Agronomy (S), six months from March 1, 1963, \$6,000 a year (3-14-63).
- WHEATLEY, ROBERT C., Visiting Lecturer in Physics, Summer Session of 1963, June 17-August 10, 1963, \$2,000 for the period (3-8-63).
- WILLIAMS, DAVID L., Assistant in Education, Summer Session of 1963, June 17-July 13, 1963, \$545 for the period (3-25-63).
- WILSON, VELMA K., Professor of Music, $\frac{27}{100}$ time, June 21-August 9, 1963, \$390; this is in addition to her present appointment (3-11-63).

FELLOWS

(The following appointments were made by the President of the University.)

- EVENSON, DONALD E., Fortieth Francis J. Plym Fellow in Architecture for 1963-64.
- JOHNSON, THOMAS H., Edward L. Ryerson Traveling Fellow in Landscape Architecture for 1963-64.
- MILBRATZ, WILLIAM P., Twenty-Ninth Francis J. Plym Fellow in Architectural Engineering for 1963.
- WILLIAMS, DONALD L., Edward L. Ryerson Traveling Fellow in Architecture for 1963-64.

(The following appointments made by the Dean of the Graduate College were approved on the date indicated in parentheses.)

- BOSTROM, JANE P., United States Public Health Service Fellow (Nurse Trainee) in Nursing, January 2-August 10, 1963, and September 30-December 20, 1963, \$200 a month (3-6-63).
- BOTTORFF, RALPH S., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$4,360, supersedes (2-28-63).
- BRODER, STEFAN I., United States Public Health Service Fellow (Trainee) in Biological Chemistry, five months from February 1, 1963, \$1,000 (2-6-63).
- BRYSKIN, LARRY, United States Public Health Service Fellow (Trainee) in Psychiatry, February 1-June 15, 1963, \$300 (2-20-63).
- DEARMOND, MERVIN K., United States Public Health Postdoctoral Fellow (Trainee) in Chemistry, one year from February 1, 1963, \$6,000 (3-20-63).
- GEMRICH, EDWIN G., II, Fellow in Entomology, two months from June 16, 1963, \$375 (3-30-62).
- GILBO, DONNA M., United States Public Health Service Fellow (Nurse Trainee) in Nursing, January 2-June 7, 1963, and September 30-December 20, 1963, \$200 a month (3-6-63).
- LITWACK, MARCIA D., United States Public Health Service Fellow (Trainee) in Biological Chemistry, March 15-June 30, 1963, \$670.81 (3-6-63).
- ROEDER, ROBERT C., Fellow in Astronomy, June 16-August 31, 1963, \$750 (3-19-63).

- THOMAS, JOHN A., United States Public Health Service Fellow (Trainee) in Chemistry, February 1-June 15, 1963, \$1,000 (2-19-63).
WAINIO, ANNA M., United States Public Health Service Fellow (Nurse Trainee) in Nursing, January 2-June 7, 1963, and September 30-December 20, 1963, \$200 a month (3-6-63).
WINN, DIANA L., United States Public Health Service Fellow (Nurse Trainee), in Nursing, January 2-August 10, 1963, and September 30-December 20, 1963, \$200 a month (3-6-63).

RESIGNATIONS, DECLINATIONS, AND TERMINATIONS

- ALLEN, ARNON R., Assistant Professor of Agricultural Law—resignation effective May 17, 1963.
CARLSON, ALAN R., Charles E. Merriam Fellow in Political Science—resignation effective March 28, 1963.
DOOLEY, RAYMOND W., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science—resignation effective March 16, 1963.
FISHER, ROGER J., Research Assistant in Sociology—resignation effective March 1, 1963.
GUIRE, PATRICK, Research Assistant in Chemistry—resignation effective April 1, 1963.
ICHIMARU, SETSUO, Research Associate in Physics—resignation effective April 1, 1963.
KOSANKE, ROBERT M., Associate Professor of Botany—resignation effective April 1, 1963.
MICHEL, PIERRE E. J., Visiting Lecturer in English, Summer Session of 1963—declination effective June 17, 1963.
MOSS, JAMES W., Assistant Professor of Education, in the Institute for Research on Exceptional Children—resignation effective September 1, 1963.
PASTERNAK, ROBERT F., Research Associate in Chemistry—resignation effective March 14, 1963.
PETERSON, HELEN C., Research Associate in the Bureau of Economic and Business Research—resignation effective April 1, 1963.
POSTGATE, JOHN R., Visiting Professor of Microbiology—resignation effective April 1, 1963.
REES, MRS. CANDIDA K., Instructor in Mathematics (Chicago Undergraduate Division)—resignation effective March 13, 1963.
RESEK, ROBERT W., Assistant Professor of Economics, Summer Session of 1963—declination effective June 17, 1963.
RONE, JAMES W., Research Assistant in Civil Engineering—resignation effective March 16, 1963.
ROSS, DONALD A., Instructor in Psychology (Psychiatry) and in the Department for Crippled Children (Medicine)—declination effective September 1, 1962.
RUSKIN, BYRON, Assistant in Pathology—termination effective October 1, 1962.
SAMUELS, ARNOLD, Part-time Medical Student Research Fellow in Biological Chemistry—termination effective February 1, 1963.
STAGER, ROBERT A., Fellow in Chemical Engineering—resignation effective March 30, 1963.
STEINKAMP, STANLEY W., Assistant Professor of Economics, Summer Session of 1963—declination effective June 17, 1963.
STENDLER, CELIA B., Professor of Education, Summer Session of 1963—declination effective June 17, 1963.
TOMASSON, RICHARD F., Assistant Professor of Sociology, Summer Session of 1963—resignation effective June 17, 1963.

LEAVES OF ABSENCE

- APPLEQUIST, DOUGLAS E., Associate Professor of Organic Chemistry—leave of absence, without pay, for six months from March 1, 1964, so that he may accept a visiting professorship at Harvard University.
LÜSCHER, EDGAR, Research Associate Professor of Physics, and in the Coordinated Science Laboratory—leave of absence, without pay, from August 1, 1963, through August 31, 1964, so that he may spend that time in research at the Max Planck Institute for Astrophysics in Munich, Germany.

SCOTT, ROBERT E., Professor of Political Science — leave of absence, without pay, for one year from September 1, 1963, so that he may do research work at the Brookings Institution in Washington.

TOMASSON, RICHARD F., Assistant Professor of Sociology, and in the Division of General Studies — leave of absence, without pay, for two years from September 1, 1963, so that he may spend that period in research at universities in Sweden.

EX OFFICIO ASSIGNMENTS OF PRESIDENT OF THE BOARD

President Clement announced that in view of his duties as President of the Board he is asking to be relieved of the following assignments:

University of Illinois Foundation. The President of the Board of Trustees or a member of the Board designated by him is ex officio a member of the Board of Directors of the University of Illinois Foundation. Mr. Clement announced that he is designating Mr. Williamson as his replacement, to serve until further notice.

University Retirement System. Mr. Clement asked that some other member of the Board be elected to replace him on the Board of Trustees of the University Retirement System of Illinois.

On motion of Mr. Johnston, Mr. Pogue was unanimously elected as a member of the Board of Trustees of the University Retirement System of Illinois. The other previously elected representatives are Mr. Hughes and Mr. Williamson.

STANDING COMMITTEES FOR 1963-64

President Clement called attention to the fact that standing committees of the Board are usually appointed by its President shortly after the March meeting. He stated that he had deferred making appointments for 1963-64 in anticipation that the vacancy on the Board, vice Judge Richard A. Harewood, would soon be filled so that the new Trustee could be included in committee assignments. He further stated that he would make the appointments in the near future after consultation with Trustees concerning their preferences.

USE OF UNIVERSITY FACILITIES FOR ADDRESSES BY CANDIDATES FOR PUBLIC OFFICE

President Clement requested the Committee on General Policy to review the University's current policy governing the use of campus facilities by candidates for election to public office to determine if the policy should be revised and to make a recommendation to the Board.

EXECUTIVE SESSION

President Clement announced that an executive session has been requested, and was being ordered, for consideration of reports and recommendations relating to property acquisitions and certain faculty appointments, and that this session would be held following a recess.

On motion of Mrs. Watkins, the Board recessed at 12:00 noon.

The Board reconvened at 1:30 p.m., and the same members and officers of the Board were present at the executive session as recorded at the beginning of these minutes, with the exception of Mr. Ray Page and Mr. R. R. Manchester, who asked to be excused; the same officers of the University were present as recorded at the beginning of these minutes with the exception of Mr. George H. Bargh, Mr. Fred H.

Turner, and Mr. Paul R. Shaffer. The Board considered the following recommendations for land acquisitions.

PURCHASE OF PROPERTY AT 1307 WEST MAIN STREET, URBANA

(1) The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of the property at 1307 West Main Street, Urbana, Illinois, at a price of \$29,000, required as part of the site for construction of the new Civil Engineering Building.

The property consists of a lot 66 feet by 132 feet (8,712 square feet) and is improved with a two-story and basement frame dwelling.

The Committee on Buildings and Grounds has been consulted regarding this purchase and recommends approval.

Funds are available in the state capital appropriations to the University from the Universities Building Fund and have been released.

I concur.

On motion of Mr. Swain, the purchase of this property, at the price recommended, was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Kerner, Mr. Page.

**ACQUISITION OF PROPERTY AT 208 NORTH
ROMINE STREET, URBANA**

(2) Representatives of the University have been negotiating for the purchase of the property at 208 North Romine Street, Urbana, Illinois, required as a part of the site for construction of the new Civil Engineering Building.

The property consists of a lot 66 feet by 66 feet (4,356 square feet) and is improved with a two-story and basement frame dwelling.

A price of \$25,000, based on appraisals secured by the University, was suggested to the owner who was advised that if the price is agreed to, a recommendation would be made to the Board of Trustees for purchase of the property. The price is not acceptable to the owner, whose asking price remains substantially in excess of the highest University appraisal.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees exercise its power to acquire the property by eminent domain and authorize condemnation proceedings for its acquisition.

Funds are available in the state capital appropriations to the University from the Universities Building Fund and have been released.

I concur and recommend adoption of the following resolution.

**Resolution Authorizing Condemnation of Property at
208 North Romine Street, Urbana, Illinois**

Be It, and It Is Hereby Resolved, Found, and Declared by this Board of Trustees of The Board of Trustees of the University of Illinois, a body corporate and politic and a public corporation of the State of Illinois, that the following-described real estate situated in the County of Champaign, in the State of Illinois, to-wit:

The North one-half ($\frac{1}{2}$) of Lot Five (5) In Block Fifty-one (51) of the Seminary Addition to Urbana, situated in the City of Urbana, in the County of Champaign, in the State of Illinois
is needed by the University of Illinois, an educational institution established and supported by the State of Illinois, for a site for a Civil Engineering Building and for related educational purposes conducted and to be conducted by said University of Illinois and for the further expansion of the educational facilities of said University of Illinois and to enable said University of Illinois to discharge its duty to the people of said State and for public use; that funds have been appropriated by the General Assembly of the State of Illinois for the purchase of said land for said educational purposes; that this Board of Trustees has negotiated with the owners of said land through their duly authorized representatives for the purchase of said land at a price which this Board of Trustees considers fair and reasonable and which it finds constitutes the present market value of said land, but that said

owner has refused to sell and convey said land, or any portion thereof, to said The Board of Trustees of the University of Illinois for such price and continues to refuse to sell and convey the same to it except for a consideration and price which this Board of Trustees deems unreasonable and excessive and is, therefore, unwilling and has refused to pay; and

Be It, and It Is Hereby Further Resolved, Found, and Declared by this Board of Trustees of The Board of Trustees of the University of Illinois that the compensation to be paid by it for said land cannot be agreed upon between this Board of Trustees and the owners of said property and they and it are unable to agree upon the purchase price to be paid to said owners for the sale and conveyance of said land by said owners thereof to said The Board of Trustees of the University of Illinois; and

Therefore, Be It, and It Is Hereby Further Resolved, Found, and Declared by this Board of Trustees of The Board of Trustees of the University of Illinois that because of said need of the University of Illinois for said land for the purposes hereinabove set forth and because the compensation to be paid to the owners thereof for such land cannot be agreed upon between them and this Board of Trustees, it is necessary for The Board of Trustees of the University of Illinois to take said land and acquire title thereto through the exercise by it of the right of eminent domain conferred upon it by law and to have the compensation to be paid by it to the owners thereof and any and all other persons who may have any right, title or interest in and to said land determined in the manner provided by law for the exercise of said right and power of eminent domain; and

Be It, and It Is Hereby Further Resolved by this Board of Trustees of The Board of Trustees of the University of Illinois that the necessary and appropriate action be taken for the acquisition of title to said property by said The Board of Trustees of the University of Illinois and to have the compensation to be paid therefor determined by the institution and prosecution to completion of a proceeding in eminent domain in a court of competent jurisdiction and that the legal Counsel of the University be, and he is hereby, authorized to proceed accordingly, to institute and prosecute an eminent domain proceeding in the name and on behalf of The Board of Trustees of the University of Illinois for the acquisition of said land and the determination of the compensation to be paid by it therefor, and to employ such special legal counsel, appraisers, and others as he may deem necessary or desirable to assist him in the institution and prosecution of said proceeding.

On motion of Mr. Johnston, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Kerner, Mr. Page.

APPOINTMENTS TO THE ACADEMIC STAFF

President Clement recalled to the attention of the Board suggestions which have been made and discussed at meetings of Board committees that special consideration be given to appointments to the faculty and permanent tenure positions of qualified Negroes. He stated that he will appoint a special committee to consider the matter in consultation with appropriate University officers.

On motion of Mr. Johnston, the Board adjourned.

A. J. JANATA
Secretary

HOWARD W. CLEMENT
President